

Abstract

[0030] The invention is directed to an oil treatment apparatus and method for treatment of oil which transports oil to be treated from a source through a first conduit to a treatment station. The treatment station includes a filter system capable of extracting particulate material from the oil and removing the particulate material from the filter system as it is removed from the oil. The treated oil may then be transported for reuse, preferably in a continuous cycle with the source of the oil. A prefiltering system may be used to further enhance maintaining the quality of the oil and/or in efficiently treating the oil while accommodating throughput requirements. The prefiltering system may include a comminuter to reduce the size of larger particles in the oil, a coarse filtering system to remove larger particle, a system to introduce a treatment material to the oil or other systems to facilitate processing. The filtering system is designed to remove particles from the oil having a size of fifteen microns or smaller in the preferred embodiment.